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OM protein - protein search, using sw model

Run on: January 9, 2003, 12:24:53 ; Search time 11 Seconds
(without alignments)
22.929 Million cell updates/sec

Title: US-09-632-429-4

Perfect score: 89

Sequence: 1 WEVLCTWETCER 13

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 118974 seqs, 19401057 residues

Total number of hits satisfying chosen parameters: 118974

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : PublishedApplications_AA:*

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3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB pep.*
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11: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB pep.*
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13: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB pep.*
14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	44	49.4	25	10	US-09-864-761-39733
2	44	49.4	102	9	US-09-736-457-1818
3	44	49.4	102	9	US-09-902-941-1818
4	44	49.4	102	9	US-09-849-626-1818
5	43	48.3	54	9	US-09-843-676-1818
6	43	48.3	66	10	US-09-864-761-43335
7	43	48.3	361	10	US-09-738-626-4154
8	43	48.3	361	10	US-09-909-849-9
9	43	48.3	361	10	US-09-909-850-2
10	43	48.3	458	9	US-09-922-364A-4
11	43	48.3	458	9	US-09-254-590-4
12	43	48.3	458	9	US-10-115-695-4
13	42	47.2	45	10	US-09-864-761-41282
14	42	47.2	317	10	US-09-835-270-5
15	42	47.2	328	9	US-09-922-364A-27
16	42	47.2	328	9	US-09-254-590-27
17	42	47.2	328	9	US-10-115-695-27
18	42	47.2	553	9	US-09-922-364A-3
19	42	47.2	553	9	US-09-254-590-3

ALIGNMENTS

RESULT 1

US-09-864-761-39733

; Sequence 39733, Application US/09864761

; Patent No. US20020048763A1

; GENERAL INFORMATION:

; APPLICANT: Penn, Sharron G.

; APPLICANT: Rank, David R.

; APPLICANT: Hanzel, David K.

; APPLICANT: Chen, Wensheng

; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

; FILE REFERENCE: Aecmica-X-1

; CURRENT APPLICATION NUMBER: US/09/864,761

; CURRENT FILING DATE: 2001-05-23

; PRIOR APPLICATION NUMBER: US 60/180,312

; PRIOR FILING DATE: 2000-02-04

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 09/632,366

; PRIOR FILING DATE: 2000-08-03

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

20	42	47.2	553	9	US-10-115-695-3	Sequence 3, Appli
21	42	47.2	557	9	US-09-922-364A-20	Sequence 20, Appl
22	42	47.2	557	9	US-09-254-590-20	Sequence 20, Appl
23	42	47.2	557	9	US-10-115-695-20	Sequence 20, Appl
24	42	47.2	561	9	US-09-922-364A-1	Sequence 1, Appli
25	42	47.2	561	9	US-09-254-590-1	Sequence 1, Appli
26	42	47.2	561	9	US-10-115-695-1	Sequence 1, Appli
27	42	47.2	579	9	US-09-922-364A-19	Sequence 19, Appl
28	42	47.2	579	9	US-09-254-590-19	Sequence 19, Appl
29	42	47.2	579	9	US-10-115-695-19	Sequence 19, Appl
30	42	47.2	580	9	US-09-922-364A-2	Sequence 2, Appli
31	42	47.2	580	9	US-09-254-590-2	Sequence 2, Appli
32	42	47.2	580	9	US-10-115-695-2	Sequence 2, Appli
33	42	47.2	732	9	US-09-922-364A-43	Sequence 43, Appl
34	42	47.2	732	9	US-09-254-590-43	Sequence 43, Appl
35	42	47.2	732	9	US-10-115-695-43	Sequence 43, Appl
36	42	47.2	736	9	US-09-922-364A-47	Sequence 47, Appl
37	42	47.2	736	9	US-09-254-590-47	Sequence 47, Appl
38	42	47.2	736	9	US-10-115-695-47	Sequence 47, Appl
39	41	46.1	28	10	US-09-864-761-40982	Sequence 40982, A
40	41	46.1	615	9	US-09-738-626-6987	Sequence 6987, Ap
41	40.5	45.5	4861	10	US-09-919-497-70	Sequence 70, Appl
42	40	44.9	153	10	US-09-764-887-206	Sequence 206, App
43	40	44.9	280	9	US-09-712-363-216	Sequence 216, App
44	40	44.9	331	10	US-09-920-068A-1	Sequence 1, Appli
45	40	44.9	374	10	US-09-764-864-1268	Sequence 1268, Ap

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; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 39733
; LENGTH: 25
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC005663.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 3.4
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.9
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.3
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.3
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 9.4
US-09-864-761-39733
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Query Match 49.4%; Score 44; DB 10; Length 25;
Best Local Similarity 50.0%; Pred. No. 4.4;
Matches 4; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
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QY 1 WEVLCTW 8
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Db 9 WOLCCWAW 16
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RESULT 2

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US-09-736-457-1818
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; Sequence 1818, Application US/09736457
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; Patent No. US20020168637A1
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; GENERAL INFORMATION:
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```
; APPLICANT: Wang, Tongtong
```

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; APPLICANT: Bangur, Chaitanya S.
```

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; APPLICANT: Lodes, Michael A.
```

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; APPLICANT: Fanger, Gary
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; APPLICANT: Vedvick, Tom
```

```
; APPLICANT: Carter, Darrick
```

```
; APPLICANT: Retter, Marc
```

```
; APPLICANT: Mannion, Jane
```

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; APPLICANT: Fan, Liqun
```

```
; APPLICANT: Wang, Aijun
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; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
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; FILE REFERENCE: 210121.478C15
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; CURRENT APPLICATION NUMBER: US/09/736,457
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; CURRENT FILING DATE: 2000-12-13
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; NUMBER OF SEQ ID NOS: 1864
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; SOFTWARE: FastSeq for Windows Version 3.0
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; SEQ ID NO 1818
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; LENGTH: 102
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; TYPE: PRT
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; ORGANISM: Homo sapiens
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US-09-736-457-1818
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Query Match 49.4%; Score 44; DB 9; Length 102;
Best Local Similarity 55.6%; Pred. No. 14;
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
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QY 1 WEVLCTW 9
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Db 55 WRLCWWWE 63
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RESULT 3

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US-09-843-676-183
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US-09-902-941-1818
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; Sequence 1818, Application US/09902941
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; Patent No. US20020172952A1
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; GENERAL INFORMATION:
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; APPLICANT: Henderson, Robert A.
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; APPLICANT: Wang, Tongtong
```

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; APPLICANT: Watanabe, Yoshihiro
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; APPLICANT: Johnson, Jeffrey C.
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; APPLICANT: Retter, Marc W.
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; APPLICANT: Marnerakis, Margarita
```

```
; APPLICANT: Carter, Darrick
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```
; APPLICANT: Fanger, Gary R.
```

```
; APPLICANT: Vedvick, Thomas S.
```

```
; APPLICANT: Bangur, Chaitanya S.
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```
; APPLICANT: McNabb, Andria
```

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; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
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; FILE REFERENCE: 210121.478C17
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; CURRENT APPLICATION NUMBER: US/09/902,941
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; CURRENT FILING DATE: 2001-07-10
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; NUMBER OF SEQ ID NOS: 2002
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; SOFTWARE: FastSeq for Windows Version 4.0
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; SEQ ID NO 1818
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; LENGTH: 102
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; TYPE: PRT
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; ORGANISM: Homo sapiens
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US-09-902-941-1818
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Query Match 49.4%; Score 44; DB 9; Length 102;
Best Local Similarity 55.6%; Pred. No. 14;
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
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QY 1 WEVLCTW 9
   |::|||
Db 55 WRLCWWWE 63
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RESULT 4

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US-09-849-626-1818
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; Sequence 1818, Application US/09849626
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; Publication No. US20020197669A1
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; GENERAL INFORMATION:
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```
; APPLICANT: Bangur, Chaitanya
```

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; APPLICANT: Fanger, Gary
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; APPLICANT: Wang, Aijun
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; APPLICANT: Wang, Tongtong
```

```
; APPLICANT: Switzer, Anne
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; APPLICANT: McNeill, Patricia
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; APPLICANT: Clapper, Jonathan
```

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; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
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; FILE REFERENCE: 210121.478C16
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; CURRENT APPLICATION NUMBER: US/09/849,626
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; CURRENT FILING DATE: 2001-05-03
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; NUMBER OF SEQ ID NOS: 1926
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; SOFTWARE: FastSeq for Windows Version 3.0
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; SEQ ID NO 1818
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; LENGTH: 102
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; TYPE: PRT
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; ORGANISM: Homo sapiens
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US-09-849-626-1818
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Query Match 49.4%; Score 44; DB 9; Length 102;
Best Local Similarity 55.6%; Pred. No. 14;
Matches 5; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
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QY 1 WEVLCTW 9
   |::|||
Db 55 WRLCWWWE 63
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; Sequence 183, Application US/09843676
; Patent No. US20020164786A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: NO. US20020164786A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/843,676
; FILING DATE: 26-Apr-2001
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-0029300S
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 183:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 54 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 183:
US-09-843-676-183

Query Match 48.3%; Score 43; DB 9; Length 54;
Best Local Similarity 62.5%; Pred. No. 11;
Matches 5; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 WEVLCTW 8
| |||
DB 18 WAPLCWAW 25

RESULT 6

US-09-864-761-43335
; Sequence 43335, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Acomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
; SEQ ID NO 43335
; LENGTH: 66
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC006515.7
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.89
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.93
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.76
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.91
US-09-864-761-43335

Query Match 48.3%; Score 43; DB 10; Length 66;
Best Local Similarity 45.5%; Pred. No. 13;
Matches 5; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1 WEVLCTWETC 11
| | |||
DB 46 WKESWFWESC 56

RESULT 7

US-09-738-626-4154
; Sequence 4154, Application US/09738626
; Publication No. US20020197605A1
; GENERAL INFORMATION:
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: MIZOGUCHI, HIROSHI
; APPLICANT: ANDO, SEIKO

```
; APPLICANT: HAYASHI, MIKIRO
; APPLICANT: OCHIAI, KEIKO
; APPLICANT: YOKOI, HARUHIKO
; APPLICANT: TATEISHI, NAKO
; APPLICANT: SENOH, AKIHIRO
; APPLICANT: IKEDA, MASATO
; APPLICANT: OZAKI, AKIO
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-125
; CURRENT APPLICATION NUMBER: US/09/738,626
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: JP 99/377484
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: JP 00/159162
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: JP 00/280988
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 4154
; LENGTH: 361
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-738-626-4154

Query Match      48.3%; Score 43; DB 9; Length 361;
Best Local Similarity 85.7%; Pred. No. 53;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 EVLCWTW 8
Db 76 EVLCWIW 82

RESULT 8
US-09-909-849-9
; Sequence 9, Application US/09909849
; Patent No. US20020106754A1
; GENERAL INFORMATION:
; APPLICANT: Tauch, Andreas
; TITLE OF INVENTION: Nucleotide Sequences Which Code for the air Gene
; FILE REFERENCE: 032301 WD 173
; CURRENT APPLICATION NUMBER: US/09/909,849
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 361
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-909-849-9

Query Match      48.3%; Score 43; DB 10; Length 361;
Best Local Similarity 85.7%; Pred. No. 53;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 EVLCWTW 8
Db 76 EVLCWIW 82

RESULT 9
US-09-909-850-2
; Sequence 2, Application US/09909850
; Patent No. US20020127662A1
; GENERAL INFORMATION:
; APPLICANT: Eggeling, Lothar
; TITLE OF INVENTION: Process for the Fermentative Preparation of L-Glutamic Acid Using
; TITLE OF INVENTION: Coryniform Bacteria
; FILE REFERENCE: 032301 W 174
; CURRENT APPLICATION NUMBER: US/09/909,850
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 361
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-909-850-2

Query Match      48.3%; Score 43; DB 10; Length 361;
Best Local Similarity 85.7%; Pred. No. 53;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 EVLCWTW 8
Db 76 EVLCWIW 82

RESULT 10
US-09-922-364A-4
; Sequence 4, Application US/09922364A
; Patent No. US2002015531A1
; GENERAL INFORMATION:
; APPLICANT: Adelman, John P.
; Maylie, James
; Bond, Chris T.
; Silvia, Christopher P.
; TITLE OF INVENTION: Small and Intermediate Conductance,
; Calcium-Activated Potassium Channels and Uses
; Thereof
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/922.364A
; FILING DATE: 03-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/254,590
; FILING DATE: 10-Mar-1999
; APPLICATION NUMBER: US 60/026,451
; FILING DATE: 11-SEP-1996
; APPLICATION NUMBER: US 60/040,052
; FILING DATE: 07-MAR-1997
; APPLICATION NUMBER: US 60/045,233
; FILING DATE: 17-APR-1997
; APPLICATION NUMBER: WO PCT/US97/16033
; FILING DATE: 10-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Weber, Kenneth A.
; REGISTRATION NUMBER: 31,677
; REFERENCE/DOCKET NUMBER: 014210-000730US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 458 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..458
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OTHER INFORMATION: /note= "rat small conductance,
calcium-activated potassium channel
protein 1 (rsk1)"
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-922-364A-4

Query Match 48.3%; Score 43; DB 9; Length 458;
Best Local Similarity 53.8%; Pred. No. 65;
Matches 7; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 WEVLCWTWETCER 13
| | | | |
Db 212 WIVAAMTVRCER 224

RESULT 11
US-09-254-590-4
; Sequence 4, Application US/09254590
; Patent No. US20020165379A1
; GENERAL INFORMATION:
; APPLICANT: Adelman, John P.
; Maylie, James
; Bond, Chris T.
; Silvia, Christopher P.

TITLE OF INVENTION: Small and Intermediate Conductance,
Calcium-Activated Potassium Channels and Uses Thereof

NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/254,590
FILING DATE: 10-Mar-1999
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/026,451
FILING DATE: 11-SEP-1996
APPLICATION NUMBER: US 60/040,052
FILING DATE: 07-MAR-1997
APPLICATION NUMBER: US 60/045,233
FILING DATE: 17-APR-1997
APPLICATION NUMBER: WO PCT/US97/16033
FILING DATE: 10-SEP-1997

ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 014210-000730US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 458 amino acids
TYPE: amino acid
STRANDEDNESS: <unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:

NAME/KEY: Protein
LOCATION: 1..458
OTHER INFORMATION: /note= "rat small conductance,
calcium-activated potassium channel
protein 1 (rsk1)"
SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-09-254-590-4

Query Match 48.3%; Score 43; DB 9; Length 458;
Best Local Similarity 53.8%; Pred. No. 65;
Matches 7; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 WEVLCWTWETCER 13
| | | | |
Db 212 WIVAAMTVRCER 224

RESULT 12
US-10-115-695-4
; Sequence 4, Application US/10115695
; Publication No. US20020192757A1
; GENERAL INFORMATION:
; APPLICANT: Adelman, John P.
; Maylie, James
; Bond, Chris T.
; Silvia, Christopher P.

TITLE OF INVENTION: Small and Intermediate Conductance,
Calcium-Activated Potassium Channels and Uses
Thereof

NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/115,695
FILING DATE: 03-Apr-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/254,590
FILING DATE: 10-Mar-1999
APPLICATION NUMBER: US 60/026,451
FILING DATE: 11-SEP-1996
APPLICATION NUMBER: US 60/040,052
FILING DATE: 07-MAR-1997
APPLICATION NUMBER: US 60/045,233
FILING DATE: 17-APR-1997
APPLICATION NUMBER: WO PCT/US97/16033
FILING DATE: 10-SEP-1997

ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 014210-000730US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 458 amino acids
TYPE: amino acid
STRANDEDNESS: <unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:

NAME/KEY: Protein
LOCATION: 1..458
OTHER INFORMATION: /note= "rat small conductance,
calcium-activated potassium channel
protein 1 (rsk1)"
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-115-695-4

Query Match 48.3%; Score 43; DB 9; Length 458;
Best Local Similarity 53.8%; Pred. No. 65;
Matches 7; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 WEVLCWTWETCER 13
DB 212 WIVAATVRVCER 224

RESULT 13
US-09-864-761-41282
; Sequence 41282, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 41282
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC007981.43
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 5.7
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 5.2
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 6.5
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 5.9

; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 3.3
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 9.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 8.7
US-09-864-761-41282

Query Match 47.2%; Score 42; DB 10; Length 45;
Best Local Similarity 41.7%; Pred. No. 13;
Matches 5; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY 1 WEVLCWTWETCE 12
DB 18 WSLCWLWSSLD 29

RESULT 14
US-09-835-270-5
; Sequence 5, Application US/09835270
; Patent No. US20020077462A1
; GENERAL INFORMATION:
; APPLICANT: Curtis, Rory A.
; TITLE OF INVENTION: 33556, A NOVEL HUMAN TRANSPORTER AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 381553000800
; CURRENT APPLICATION NUMBER: US/09/835,270
; CURRENT FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/197,376
; PRIOR FILING DATE: 2000-04-14
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 317
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus amino acid sequence
US-09-835-270-5

Query Match 47.2%; Score 42; DB 10; Length 317;
Best Local Similarity 62.5%; Pred. No. 64;
Matches 5; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 6 WTWETCER 13
DB 133 WAWETCTK 140

RESULT 15
US-09-922-364A-27
; Sequence 27, Application US/09922364A
; Patent No. US2002015531A1
; GENERAL INFORMATION:
; APPLICANT: Adelman, John P.
; APPLICANT: Maylie, James
; APPLICANT: Bond, Chris T.
; APPLICANT: Silvia, Christopher P.
; TITLE OF INVENTION: Small and Intermediate Conductance,
; Calcium-Activated Potassium Channels and Uses
; THEREOF
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/922,364A

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; FILING DATE: 03-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/254,590
; FILING DATE: 10-Mar-1999
; APPLICATION NUMBER: US 60/026,451
; FILING DATE: 11-SEP-1996
; APPLICATION NUMBER: US 60/040,052
; FILING DATE: 07-MAR-1997
; APPLICATION NUMBER: US 60/045,233
; FILING DATE: 17-APR-1997
; APPLICATION NUMBER: WO PCT/US97/16033
; FILING DATE: 10-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Weber, Kenneth A.
; REGISTRATION NUMBER: 31,677
; REFERENCE/DOCKET NUMBER: 014210-000730US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 328 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Region
; LOCATION: 1..328
; OTHER INFORMATION: /note= "core region of hsk1 from
; amino acid positions 124 through 451"
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-922-364A-27

Query Match 47.2%; Score 42; DB 9; Length 328;
Best Local Similarity 46.2%; Pred. No. 66;
Matches 6; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

Qy 1 WEVLQWTWETCR 13
Db 189 WIIAATVVRVCR 201

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Search completed: January 9, 2003, 12:28:50
Job time : 11 secs

